

AMENDMENT TO RULES COMMITTEE

PRINT 117-8

OFFERED BY MS. ROSS OF NORTH CAROLINA

At the end of subtitle F of title I of division B, add the following:

1 SEC. 1640. ELECTRIC VEHICLE WORKING GROUP.

2 (a) ESTABLISHMENT OF WORKING GROUP.—

3 (1) IN GENERAL.—Not later than 240 days
4 after the date of enactment of this Act, the Sec-
5 retary of Transportation and the Secretary of En-
6 ergy (referred to in this section as the “Secre-
7 taries”) shall jointly establish a working group (re-
8 ferred to in this section as the “working group”) to
9 make recommendations on the development, adop-
10 tion, and integration of light and heavy duty electric
11 vehicles into the transportation and energy systems
12 of the United States.

13 (2) MEMBERSHIP.—

14 (A) IN GENERAL.—The working group
15 shall be composed of—

16 (i) the Secretaries (or designees), who
17 shall be co-chairs of the working group;
18 and

1 (ii) not more than 25 members to be
2 appointed by the Secretaries, of whom—

3 (I) not more than 6 shall be Fed-
4 eral stakeholders as described in sub-
5 paragraph (B); and

6 (II) not more than 19 shall be
7 non-Federal stakeholders as described
8 in subparagraph (C).

9 (B) FEDERAL STAKEHOLDERS.—The
10 working group—

11 (i) shall include not less than 1 rep-
12 resentative of each of—

13 (I) the Department of Transpor-
14 tation;

15 (II) the Department of Energy;

16 (III) the Environmental Protec-
17 tion Agency;

18 (IV) the Council on Environ-
19 mental Quality; and

20 (V) the General Services Admin-
21 istration; and

22 (ii) may include a representative of
23 any other Federal agency the Secretaries
24 consider to be appropriate.

25 (C) NON-FEDERAL STAKEHOLDERS.—

1 (i) IN GENERAL.—The working
2 group—

3 (I) shall include not less than 1
4 representative of each of—

5 (aa) a manufacturer of elec-
6 tric vehicles or the relevant com-
7 ponents of electric vehicles;

8 (bb) an owner, operator, or
9 manufacturer of electric vehicle
10 charging equipment;

11 (cc) the public utility indus-
12 try;

13 (dd) a public utility regu-
14 lator or association of public util-
15 ity regulators;

16 (ee) the transportation fuel-
17 ing distribution and retailer in-
18 dustry;

19 (ff) the energy provider in-
20 dustry;

21 (gg) the automotive dealing
22 industry;

23 (hh) the passenger transpor-
24 tation industry;

1 (ii) an organization rep-
2 resenting a unit of local govern-
3 ment;

4 (jj) a regional transportation
5 or planning agency;

6 (kk) an organization rep-
7 resenting State departments of
8 transportation;

9 (ll) an organization rep-
10 resenting State departments of
11 energy or State energy planners;

12 (mm) an expert in intel-
13 ligent transportation systems and
14 technologies;

15 (nn) organized labor;

16 (oo) the trucking industry;

17 (pp) Tribal governments;

18 and

19 (qq) the property develop-
20 ment industry; and

21 (II) may include a representative
22 of any other non-Federal stakeholder
23 that the Secretaries consider to be ap-
24 propriate.

1 (ii) REQUIREMENT.—The Secretaries
2 shall ensure that the members of the work-
3 ing group selected under clause (i) shall in-
4 clude—

5 (I) individuals with a balance of
6 backgrounds, experiences, and view-
7 points; and

8 (II) individuals that represent
9 geographically diverse regions of the
10 United States, including from rural,
11 urban, and suburban areas.

12 (3) MEETINGS.—

13 (A) IN GENERAL.—The working group
14 shall meet not less frequently than once every
15 120 days.

16 (B) REMOTE PARTICIPATION.—A member
17 of the working group may participate in a meet-
18 ing of the working group via teleconference or
19 similar means.

20 (4) COORDINATION.—In carrying out the duties
21 of the working group, the working group shall co-
22 ordinate and consult with any existing Federal inter-
23 agency working groups on fleet conversion or other
24 similar matters related to electric vehicles.

1 (b) JOINT REPORT AND STRATEGY ON ELECTRIC
2 VEHICLE ADOPTION, OPPORTUNITIES, AND CHAL-
3 Lenges.—

4 (1) IN GENERAL.—The Secretaries, in consulta-
5 tion with the working group, shall submit to Con-
6 gress by each of the deadlines described in para-
7 graph (2)—

8 (A) a report on the status of electric vehi-
9 cle adoption and opportunities for and chal-
10 lenges to expanding adoption of electric vehi-
11 cles, including—

12 (i) a description of the barriers and
13 opportunities to scaling up electric vehicle
14 adoption nationwide, with recommenda-
15 tions for issues relating to—

16 (I) consumer behavior;

17 (II) charging infrastructure
18 needs, including standardization and
19 smart charging;

20 (III) manufacturing and battery
21 costs, including the raw material
22 shortages for batteries and electric
23 motor magnets;

24 (IV) the adoption of electric vehi-
25 cles for low- and moderate-income in-

1 individuals and underserved commu-
2 nities, including charging infrastruc-
3 ture access and vehicle purchase fi-
4 nancing;

5 (V) business models for charging
6 electric vehicles outside the home, in-
7 cluding wired and wireless charging;

8 (VI) charging infrastructure per-
9 mitting and regulatory issues;

10 (VII) the connections between
11 housing and transportation costs and
12 emissions;

13 (VIII) freight transportation, in-
14 cluding local, port and drayage, re-
15 gional, and long-haul trucking;

16 (IX) intercity passenger travel;

17 (X) the need or potential for
18 model building codes for charging in-
19 frastructure;

20 (XI) the process by which gov-
21 ernments collect a user fee for the
22 contribution of electric vehicles to
23 funding roadway improvements and
24 potential investments in charging in-
25 frastructure;

1 (XII) State and local level poli-
2 cies, incentives, and zoning efforts;

3 (XIII) the installation of highway
4 corridor signage;

5 (XIV) cybersecurity of charging
6 infrastructure;

7 (XV) secondary markets and re-
8 cycling for batteries, including battery
9 collection initiatives;

10 (XVI) grid integration;

11 (XVII) energy storage; and

12 (XVIII) specific regional or local
13 issues that—

14 (aa) are associated with—

15 (AA) the issues de-
16 scribed in subclauses (I)
17 through (XVII); or

18 (BB) urban or rural en-
19 vironments; and

20 (bb) may not appear nation-
21 wide, but hamper a nationwide
22 adoption or coordination of elec-
23 tric vehicles;

24 (ii) examples of successful public and
25 private models and demonstration projects

1 that encourage electric vehicle adoption;
2 and

3 (iii) an analysis of current efforts to
4 overcome the barriers described in clause
5 (i); and

6 (B) a strategy that describes how the Fed-
7 eral Government, States, units of local govern-
8 ment, and industry can—

9 (i) set quantitative targets for trans-
10 portation electrification;

11 (ii) overcome the barriers described in
12 subparagraph (A)(i);

13 (iii) identify areas of opportunity in
14 research and development to improve bat-
15 tery manufacturing, mineral mining, recy-
16 cling costs and battery collection, material
17 recovery, and battery performance for elec-
18 tric vehicles;

19 (iv) enhance Federal interagency co-
20 ordination to promote electric vehicle adop-
21 tion;

22 (v) promote electric vehicle knowledge
23 and expertise within State and local gov-
24 ernments;

1 (vi) prepare the workforce for the
2 adoption of electric vehicles, including
3 through collaboration with labor unions,
4 colleges and other educational institutions,
5 and relevant manufacturers;

6 (vii) expand electric vehicle and charg-
7 ing infrastructure—

8 (I) knowledge and use among
9 Federal, State, and local governments,
10 school districts, and private entities;
11 and

12 (II) adoption among the fleets of
13 the entities described in subclause (I);

14 (viii) expand knowledge of the benefits
15 of electric vehicles among the general pub-
16 lic;

17 (ix) maintain the global competitive-
18 ness of the United States in the electric ve-
19 hicle and charging infrastructure markets;

20 (x) provide clarity in regulations to
21 improve national uniformity with respect to
22 electric vehicles; and

23 (xi) ensure the sustainable integration
24 of electric vehicles into the national electric
25 grid.

1 (2) DEADLINES.—A joint report and strategy
2 under paragraph (1) shall be submitted by—

3 (A) for the first report, not later than 18
4 months after the date on which the working
5 group is established under subsection (a)(1);

6 (B) for the second report, not later than 2
7 years after the date on which the first report is
8 required to be submitted under subparagraph
9 (A); and

10 (C) for the third report, not later than 2
11 years after the date on which the second report
12 is required to be submitted under subparagraph
13 (B).

14 (3) INFORMATION.—

15 (A) IN GENERAL.—The Secretaries may
16 enter into an agreement with the Transpor-
17 tation Research Board of the National Acad-
18 emies of Sciences, Engineering, and Medicine to
19 provide, track, or report data, information, or
20 research to assist the Secretaries in carrying
21 out paragraph (1).

22 (B) USE OF EXISTING INFORMATION.—In
23 developing the report and strategy under para-
24 graph (1), the Secretaries and the working
25 group shall consider existing Federal, State,

1 local, private sector, and academic data and in-
2 formation relating to electric vehicles and, to
3 the maximum extent practicable, coordinate
4 with the entities that publish that informa-
5 tion—

6 (i) to prevent duplication of efforts by
7 the Federal Government; and

8 (ii) to leverage existing information
9 and complementary efforts.

10 (c) ELECTRIC VEHICLE RESOURCE GUIDE.—

11 (1) IN GENERAL.—The Secretaries shall elec-
12 tronically publish and update a resource guide to
13 provide information to increase knowledge about
14 electric vehicles and necessary charging infrastruc-
15 ture for consumers, State, local, and Tribal govern-
16 ments (including transit agencies or authorities,
17 public tolling authorities, metropolitan planning or-
18 ganizations, public utility commissions, and public
19 service companies), and businesses that sell motor
20 vehicles.

21 (2) INCLUSIONS.—A resource guide under para-
22 graph (1) shall include—

23 (A) information on—

24 (i) the general characteristics of elec-
25 tric vehicles (including passenger vehicles,

1 electric vehicles for public transportation,
2 school buses, and electric vehicles for com-
3 mercial use); and

4 (ii) the types of charging solutions
5 available to consumers, including, to the
6 maximum extent practicable, a digitally ac-
7 cessible compilation of existing mapping of
8 publicly available charging stations in the
9 United States;

10 (B) information on electrifying business
11 and government vehicle fleets;

12 (C) information on Federal grant pro-
13 grams available to State and local governments
14 for the purchase of electric vehicles for public
15 transportation;

16 (D) a description of current financial and
17 nonfinancial incentives for electric vehicles; and

18 (E) any other information that—

19 (i) a representative of industry or
20 State or local government requests to be
21 included; and

22 (ii) the working group recommends
23 and determines to be appropriate.

24 (3) USE OF EXISTING GUIDES.—In publishing
25 and maintaining the resource guide under paragraph

1 (1), the Secretaries and the working group shall con-
2 sider existing Federal, State, local, private sector,
3 and academic guides relating to electric vehicles and,
4 to the maximum extent practicable, coordinate with
5 the entities publishing those guides—

6 (A) to prevent duplication of efforts by the
7 Federal Government; and

8 (B) to leverage existing information and
9 complementary efforts.

10 (4) RESOURCE GUIDE OUTREACH.—The Secre-
11 taries, in consultation with the working group, shall
12 conduct outreach to consumers, State, local, and
13 Tribal governments (including transit agencies or
14 authorities, public tolling authorities, metropolitan
15 planning organizations, public utility commissions,
16 and public service companies), and businesses that
17 sell motor vehicles through the websites of the De-
18 partment of Transportation and the Department of
19 Energy, social media, and other methods—

20 (A) to provide the resource guide under
21 paragraph (1) to interested stakeholders, in-
22 cluding relevant consumer groups and transpor-
23 tation-related organizations;

24 (B) to promote the use of electric vehicles
25 in both government and industry fleets; and

1 (C) to educate individuals involved in the
2 sale of motor vehicles about the benefits of elec-
3 tric vehicles.

4 (5) SUBSEQUENT RESOURCE GUIDES.—Not less
5 frequently than every 2 years for the duration of the
6 working group, the working group shall publish an
7 update to the resource guide under paragraph (1),
8 as appropriate based on technological innovation and
9 subsequent information.

10 (6) ACCESSIBILITY.—The Secretaries shall each
11 maintain the resource guide under paragraph (1) on
12 a designated website, which may be an existing
13 website, of each Secretary relating to electric vehi-
14 cles.

15 (d) COORDINATION.—To the maximum extent prac-
16 ticable, the Secretaries and the working group shall carry
17 out this section using all available existing resources,
18 websites, and databases of Federal agencies, such as the
19 Alternative Fuels Data Center, the Energy Efficient Mo-
20 bility Systems program, and the Clean Cities Coalition
21 Network.

22 (e) FUNDING.—The Secretaries shall carry out this
23 section using existing funds made available to the Secre-
24 taries and not otherwise obligated, of which—

1 (1) 50 percent shall be from funds made avail-
2 able to the Secretary of Transportation; and

3 (2) 50 percent shall be from funds made avail-
4 able to the Secretary of Energy.

5 (f) TERMINATION.—The working group shall termi-
6 nate on the date on which the third report under sub-
7 section (b) is submitted.

